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G03G 15/08 (2006.01)

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(54) IMAGE FORMING APPARATUS

(57) An image forming apparatus includes: an image bearing member; a developer carrying member; an electroconductive regulating member; and a bias applying portion for applying, to the regulating member, a bias of the same polarity as a polarity of the developer on a surface of the developer carrying member at least during a developing operation. The developer remaining on the surface of the image bearing member after transfer of a developer image is transferred is collected by the devel-

oper carrying member. At timing when the developer carrying member is driven in a period other than during the developing operation, a potential difference between the regulating member and the developer carrying member is made zero or a voltage which is different from a voltage applied to the developer carrying member toward a side of a polarity opposite the polarity of the developer is applied to the regulating member.

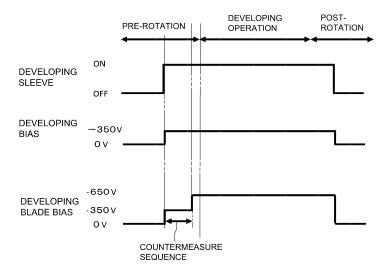


Fig. 4

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PARTIAL EUROPEAN SEARCH REPORT

Application Number

under Rule 62a and/or 63 of the European Patent Convention. This report shall be considered, for the purposes of subsequent proceedings, as the European search report

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	DOCUMENTS CONSID			
Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Х	JP 2005 258345 A (S	SHARP KK)	1,2,5	INV. G03G15/06 G03G15/08 G03G21/00 TECHNICAL FIELDS SEARCHED (IPC) G03G
The Search not comply Claims see Claims see Claims no Reason for	y with the EPC so that only a partial s arched completely : arched incompletely : t searched : or the limitation of the search: Sheet C	application, or one or more of its claims, doe earch (R.62a, 63) has been carried out.	s/do	
	Place of search	Date of completion of the search	- Ma	Examiner
	Munich	22 November 2016		ndreoli, Lorenzo
X : parti Y : parti docu A : tech O : non	ATEGORY OF CITED DOCUMENTS oularly relevant if taken alone oularly relevant if combined with anot ment of the same category nological background written disclosure mediate document	nvention shed on, or ,, corresponding		



INCOMPLETE SEARCH SHEET C

Application Number

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	Claim(s) completely searchable: 1, 2, 5				
10	Claim(s) not searched: 3, 4				
	Reason for the limitation of the search:				
15	Claims 1 and 3 are multiple independent claims				
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-11-2016

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5	FORM P0459			

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